

## FY2012 THIRD QUARTER OPEN MARKET CRUDE HELIUM SALE

(all volumes in Mcf)

**Total Volume this Sale** 525,000 Mcf

(percent to allocated sale) 94%

(percent to nonallocated sale) 6%

**Total Sales this Quarter** 525,000 Mcf

**Total Carryover this Quarter** 0 Mcf

A	B	C	D	E	F	G	H	I	J	K	L	M	Carryover to Non-Allocated Sale
<u>Allocated Sale</u>	Installed Refining Cap	Refiner Bid Volume	Allocated Volume@0.94%	Excess Vol Requested	Excess Vol Available	Proration % Round 1	Excess Alloctn Rd 1	Excess Vol Rem Rnd 2	Proration % Round 2	Excess Alloctn Rd 2	Total Allocated		
Bidder - Allocated Sale													
Keyes Helium Company	4.0%	40,000.0	19,740.0	20,260.0	-	4.00%	-	20,260.0	4.00%	-	19,740.0		20,260.0
Linde Gas North America LLC	26.0%	140,000.0	128,310.0	11,690.0	-	26.00%	-	11,690.0	26.00%	-	128,310.0		11,690.0
Praxair, Inc (Bushton Ulysses)	34.0%	300,000.0	167,790.0	132,210.0	-	34.00%	-	132,210.0	34.00%	-	167,790.0		132,210.0
Air Products (Liberal, Guymon)	36.0%	350,000.0	177,660.0	172,340.0	-	36.00%	-	172,340.0	36.00%	-	177,660.0		172,340.0
	0.0%		-	-	-	0.00%	-	-	0.00%	-	0.0		0.0
Total	100.0%	830,000.0	493,500.0	336,500.0	-	100.00%	-	-	100.00%	-	493,500.0		336,500.0

Total Allocated Sale Volume: 493,500 Mcf Excess to be carried over to nonallocated sale. 0.0

### **NonAllocated Sale**

		Prorated	Bid/Carryover	Allocated	Excess Vol	Excess Vol	Proration %	Excess		Proration %	Excess	Total
		Percentage	Volume	Volume	Requested	Available	Round 1	Alloctn Rd 1		Round 2	Alloctn Rd 2	Allocated
Keyes Helium Company	1	25.0%	20,260.0	7,875.0	12,385.0	-	25.00%	-	12,385.0	25.00%	-	7,875.0
Linde Gas North America LLC	1	25.0%	11,690.0	7,875.0	3,815.0	-	25.00%	-	3,815.0	25.00%	-	7,875.0
Praxair, Inc (Bushton Ulysses)	1	25.0%	132,210.0	7,875.0	124,335.0	-	25.00%	-	124,335.0	25.00%	-	7,875.0
Air Products (Liberal, Guymon)	1	25.0%	172,340.0	7,875.0	164,465.0	-	25.00%	-	164,465.0	25.00%	-	7,875.0
Air Liquide		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Matheson Tri-Gas Inc.		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Airgas Merchant Gases		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
		0.0%	-	-	-	-	0.00%	-	-	0.00%	-	0.0
Number of Bidders	4	100.0%	336,500.0	31,500.0	305,000.0	-		-	-		-	31,500.0

Non Allocated Volume: 31,500 Mcf

**Total Non-Allocated Sale Volume Including Carryover Amount.**

31,500 Mcf

### **Allocation Calculations**

					Round 1 Percent			Round 2 Percent	
Refiner A	4.0%	40,000.0	19,740.0	1.0	4.0%	4.00%	1.0	4.0%	4.00%
Refiner B	26.0%	140,000.0	128,310.0	1.0	26.0%	26.00%	1.0	26.0%	26.00%
Refiner C	34.0%	300,000.0	167,790.0	1.0	34.0%	34.00%	1.0	34.0%	34.00%
Refiner D	36.0%	350,000.0	177,660.0	1.0	36.0%	36.00%	1.0	36.0%	36.00%
Refiner E	0.0%	-	-	-	0.0%	0.00%	-	0.0%	0.00%
					100.0%	100.00%		100.0%	100.00%

### **Year 2000 Plant Capacities**

		Mcf/d	Total	Percent	MMcf/yr		
ElPaso (Keyes)		480.0	480.0	4.0%	168.00		
Linde/BOC (Otis)		3,120.0	3,120.0	26.0%	1,092.00		
Praxair, Inc (Bushton Ulysses)		1,032.0	3,048.0	34.0%	361.20	1,066.80	1,428.0
Air Products (Liberal, Guymon)		3,048.0	1,272.0	36.0%	1,066.80	445.20	1,512.0
			12,000.0	100.0%			